

: _____

Date: _____

Period: _____

Interpreting Box-and-Whisker Plots

1) Below are the prices of snowboards at two competing snowboard stores:

Middletown Snowboards
345, 350, 356, 360, 375, 405

Snowboard Central
343, 370, 386, 392, 395, 402

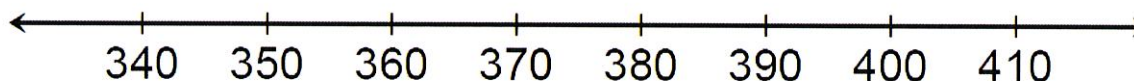
a) Identify the 5 main statistics of each set of data.

Middletown Snowboards

Snowboard Central



b) Draw a double box-and-whisker plot of the above data on the scale below:



c) What is the median price for a snowboard at Middletown Snowboards?

What is the lowest price you could pay for a snowboard at Snowboard Central?

What is the most expensive board at Middletown Snowboards?

What is the range of prices for snowboards at Snowboard Central?

Which price represents the 75th percentile for Middletown Snowboards?

Which store would you rather buy a snowboard from? Why?